

On page 23, line 30, delete "ZrCl₃" and substitute therefor -- ZrCl₂ --.

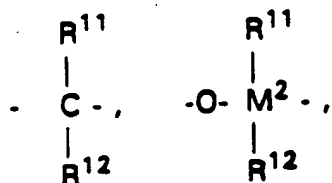
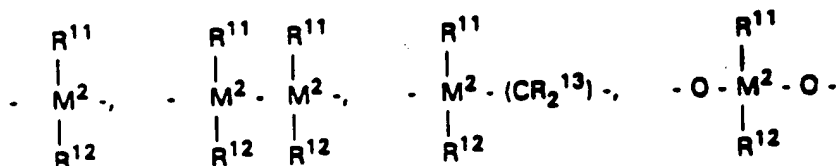
IN THE CLAIMS:

In claim 2, page 30, line 9, delete "A" and insert therefor -- The --.

In claim 6, page 31, line 2, delete "5" and substitute therefor -- 12 --.

In claim 7, page 33, delete line 30 and the following formulas and substitute therefor:

R⁵ is



3. (Amended) [A] The polyolefin molding composition as claimed in claim 1, which additionally contains one or more additives selected from the group consisting of nucleating agents, stabilizers, antioxidants, UV absorbers, light stabilizers, metal deactivators, free-radical scavengers, fillers and reinforcing agents, compatibilizers, plasticizers, lubricants, emulsifiers, pigments, optical brighteners, flameproofing agents, antistatics and blowing agents.

Delete claims 4, 5, 9 and 10.

Add new claims 11 - 15:

11. A process for the preparation of a polyolefin molding composition having a broad, bimodal or multimodal melting range in the DSC spectrum, where the melting range maximum is between 120 and 165°C, the half-intensity width of the melting peak is broader than 10°C and the width determined at quarter peak height is greater than 15°C, wherein such process comprises mixing at least two polyolefins of different melting points, where the melting points of at least two of the polyolefins must differ by at least 5°C, the viscosity indices are greater than $VI = 10 \text{ cm}^3/\text{g}$ and the molecular weights M_w are greater than 5000 g/mol.
12. A process for the preparation of a polyolefin molding composition having a broad, bimodal or multimodal melting range in the DSC spectrum, where the melting range maximum is between 120 and 165°C, the half-intensity width of the melting peak is broader than 10°C and the width determined at quarter peak height is greater than 15°C, wherein such process comprises direct polymerization or copolymerization of at least two polyolefins of different melting point, where the melting points must differ by at least 5°C.
13. A method of using a molding composition for the production of moldings, wherein the molding composition comprises a polyolefin molding composition

having a broad, bimodal or multimodal melting range in the DSC spectrum, where the melting range maximum is between 120 and 165°C, the half-intensity width of the melting peak is broader than 10°C and the width determined at quarter peak height is greater than 15°C.

14. A molding comprising a polyolefin molding composition having a broad, bimodal or multimodal melting range in the DSC spectrum, where the melting range maximum is between 120 and 165°C, the half-intensity width of the melting peak is broader than 10°C and the width determined at quarter peak height is greater than 15°C.
15. The process as claimed in claim 6, wherein the metallocenes are selected from the group consisting of $\text{rac-Me}_2\text{Si}(2\text{-methyl-1-indenyl})_2\text{ZrCl}_2$, $\text{rac-Me}_2\text{Si}(\text{indenyl})_2\text{HfCl}_2$, $\text{phenyl(methyl)Si}(2\text{-methyl-1-indenyl})_2\text{ZrCl}_2$, $\text{Me}_2\text{Si}(2\text{-methyl-4-phenyl-1-indenyl})_2\text{ZrCl}_2$, $\text{Me}_2\text{Si}(2\text{-methyl-1-indenyl})_2\text{ZrCl}_2$, $\text{Me}_2\text{Si}(\text{indenyl})_2\text{HfCl}_2$, $\text{phenyl(methyl)silyl}(\text{indenyl})_2\text{HfCl}_2$, $\text{rac-ethylene}(2\text{-methyl-1-indenyl})_2\text{ZrCl}_2$, $\text{rac-Me}_2\text{Si}(2\text{-methyl-4-phenyl-1-indenyl})_2\text{ZrCl}_2$, $\text{rac-ethylidene}(2\text{-methyl-4,6-diisopropyl-1-indenyl})_2\text{ZrCl}_2$, $\text{rac-Me}_2\text{Si}(2\text{-methyl-4,5-benzoidenyl})_2\text{ZrCl}_2$, $\text{dimethylmethylene}(9\text{-fluorenyl})(\text{cyclopentadienyl})\text{ZrCl}_2$, $\text{phenyl(methyl)methylene}(9\text{-fluorenyl})(\text{cyclopentadienyl})\text{ZrCl}_2$, $\text{rac-phenyl(methyl)silyl}(2\text{-methyl-4,6-diisopropyl-1-indenyl})_2\text{ZrCl}_2$, $\text{Ph(Me)Si}(2\text{-methyl-4-phenyl-1-indenyl})_2\text{ZrCl}_2$, $\text{rac-Me}_2\text{Si}(2\text{-methyl-4-(1-naphthyl)-1-indenyl})_2\text{ZrCl}_2$, $\text{rac-Me}_2\text{Si}(2,5,6\text{-trimethyl-1-indenyl})_2\text{ZrCl}_2$, rac-